



Hawaii Reapportionment Commission

20 January 2012

Commission Meeting

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Hawaii Population Base – Military Extractions

- **Numbers from DMDC represent raw data**
 - They do not represent the number of non-permanent residents for extraction from the U.S. Census data

**STAFF SUMMARY OF DATA SUBMITTED FROM THE MILITARY AND
UNIVERSITIES FOR USE IN THE NON-PERMANENT POPULATION
ADJUSTMENT TO THE 2010 CENSUS DATA**

The 2011 reapportionment project staff asked for non-permanent population data from the historical data sources to accomplish the constitutionally required population adjustment in determining the permanent resident population.

The staff requested the military through USPACOM to provide a data set of Active Duty personnel and dependents who declare a state other than Hawaii as their home state. The data was provided segregated by U.S. Postal Zip Codes.

USPACOM provided the following counts:

Active Duty:

- | | |
|---|--------|
| • Declares state other than Hawaii as home state. | 47,082 |
| • Declares Hawaii as their home state | 933 |
| • Active Duty dependents in Hawaii | 58,949 |

Hawaii Population Base

**U.S. Census
Hawaii Residents
1,360,301**

OK

↑
**Permanent
Residents**

**Non-Permanent
Residents**



extract

- 1) Counted by U.S. Census
2) Permanent Resident

- 1) Counted by U.S. Census
2) Non-Permanent Resident

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DMDC Raw Numbers

Active Duty Station is Hawaii

47,082 home state not Hawaii
933 home state is Hawaii

Average 15% deployed any time

Active Duty Station is Hawaii

AND counted by U.S. Census

40,020 home state not Hawaii
793 home state is Hawaii

6,602 Shipboard

- may or not be counted in Hawaii
- depends on homeport of ship

Location

- Basic Island Unit (reapportionment)
- Census Block (redistricting)

Hawaii Population Base

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• Active Duty dependents in Hawaii	58,949

DMDC Raw Numbers

Active Duty Dependents in Hawaii

58,949 includes:

- dependents of Hawaii sponsors
- permanent resident spouses and dependents

Location

- Basic Island Unit (reapportionment)
- Census Block (redistricting)

Hawaii Population Base – Student Extractions

- **Numbers from universities represent raw data**
 - They do not represent the number of non-permanent residents for extraction from the U.S. Census data

The universities provided the following counts:

- Hawaii Pacific University international and mainland students by address. Some of these addresses are associated with military bases or commands 3,203
- Brigham Young University Hawaii international and non-international students by address 627
- University of Hawaii System students by U.S. Zip Codes 10,493
- Chaminade University did not report.
From their website total enrollment 2,781
59% Hawaii resident 41% other than Hawaii

Hawaii Population Base

**U.S. Census
Hawaii Residents
1,360,301**

OK

↑
**Permanent
Residents**

**Non-Permanent
Residents**

↓
extract

- 1) Counted by U.S. Census
2) Permanent Resident
-

- 1) Counted by U.S. Census
2) Non-Permanent Resident

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- Brigham Young University Hawaii international and non-international students by address 627
- University of Hawaii System students by U.S. Zip Codes 10,493
- Chaminade University did not report.
From their website total enrollment 2,781
59% Hawaii resident 41% other than Hawaii

University Raw Numbers

Location

- Basic Island Unit (reapportionment)
- Census Block (redistricting)

Issues

- Zip code blank or out of state
- PO Boxes not an indicator of residence
- UH: No campus or residence data
- Military and dependents double count
- Dorm residents and non-residents
- Online classes

Hawaii Population Base – Extractions

- **The Commission is going back to DMDC and the universities to try and refine and improve the data previously received.**
- **While mathematical exactness or precision is not a constitutional requirement, the Commission is making a good faith effort to obtain accurate counts (for reapportionment) and locations (for redistricting) and to maintain the process used by previous Commissions.**

Hawaii Population Base – Extractions

- **Extraction A under-estimates** the number of non-permanent residents to be extracted.
- **The raw numbers over-estimate** the number of non-permanent residents to be extracted.
- The **best estimate lies somewhere in between**, and the Commission is working to determine that best estimate.